

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2018 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>NA0018</b>	Overall LMA Rating	Total LMA Miles						
<b>California Department of Fish and Game Shea Levee</b>	<b>U</b>	<b>0.30</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.60		0.60	199.72%				
Trim / Thin Trees	0.30		0.30	99.86%				
Emergency Supplies & Equipment	0.01		0.01	3.33%				
Flood Preparedness & Training	0.01		0.01	3.33%				
<i>LMA Totals:</i>	0.92	0.00	0.92	306.24%	0.00	0.00	0.00	0.00

  

<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>NA0018</b>	<b>U</b>	<b>0.30</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.60		0.60	199.72%				
Trim / Thin Trees	0.30		0.30	99.86%				
<i>Unit Totals:</i>	0.90	0.00	0.90	299.58%	0.00	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Fall 2018 Levee Inspection Results****California Department of Fish and Game Shea Levee**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2018 Levee Inspection Results**

**California Department of Fish and Game Shea Levee**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	0.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	4/20/2018 - 4/20/2018		9/21/2018 - 9/21/2018	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Monty Currier Department of Fish and Wildlife		Monty Currier Department of Fish and Wildlife	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**California Department of Fish and Game Shea Levee**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.30	09/21/2018 09/21/2018	Bob Duffey

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0018_01_s_2013_7				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_NA0018_01_s_2012_8				
Comment Code					
Inspector Comment					
The LMA has not completed any training and does not have an available flood plan.					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0018_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA does not maintain an adequate supply for flood fighting.					

No Photos

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2018**

**California Department of Fish and Game Shea Levee**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.30	09/21/2018 09/21/2018	Bob Duffey

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.507697°	40.511210°
				-122.363683°	-122.360390°
DWR ID	DWR_NA0018_01_s_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
California Department of Fish and Wildlife has not completed any maintenance several year.					

Photo 1 of 2 : FA\_2018\_NA0018\_269\_2\_20181008\_00006.jpg



View of the vegetation along the landside slope.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.30</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2018\_NA0018\_269\_2\_20180905\_00003.jpg



View of the vegetation along the landside slope.

LM Start	0.00	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.507738°	40.511210°
				-122.363682°	-122.360390°
DWR ID	DWR_NA0018_01_f_2017_3				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim and remove trees to allow visibility.					

Photo 1 of 1 : FA\_2018\_NA0018\_269\_3\_20181008\_00008.jpg



View of the trees along the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**California Department of Fish and Game Shea Levee**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.30	09/21/2018 09/21/2018	Bob Duffey

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.507697°	40.510670°
				-122.363683°	-122.361203°
DWR ID	DWR_NA0018_01_s_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>0.30</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA\_2018\_NA0018\_269\_1\_20181008\_00007.jpg



View of the vegetation along the waterside slope.

Photo 2 of 2 : FA\_2018\_NA0018\_269\_1\_20180905\_00001.jpg



View of the vegetation along the waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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